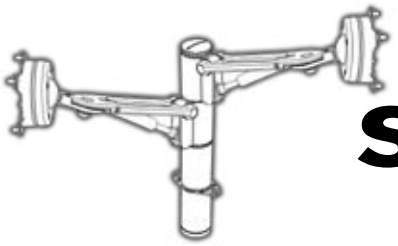
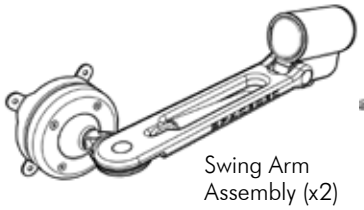
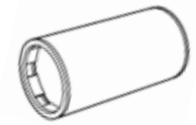
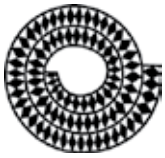


Installation Instructions
SPACEDEC ACROBAT
SWING ARM DOUBLE

Component Checklist


Swing Arm Assembly (x2)

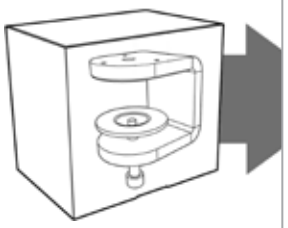

Spacer Tube Assembly (x2)


16mm Cable Wrap (x2)

Threaded Rod and Top Cap (x1)

Inner Tube Post

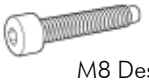
Desk Clamp Box



Desk Clamp Bracket (x1)

5mm Allen Key (x1)

Pressure Plate (x1)


M8 Desk Clamp Screw (x1)

Bits Box

Cable Wrap Applicator (x1)

Cable Manager Tube Clip (x1)

M8 Interscrew (x1)

Cable Clip (x4)

Washer (x1)

Base Casting (x1)

M4x16mm Countersunk Screw (x3)

M8 Nyloc Nut (x1)

Extension Clip (x8)

2.5mm Allen Key (x1)

Top Cap Tool (x1)

Mounting Fasteners

M4x10mm Screw (x8)

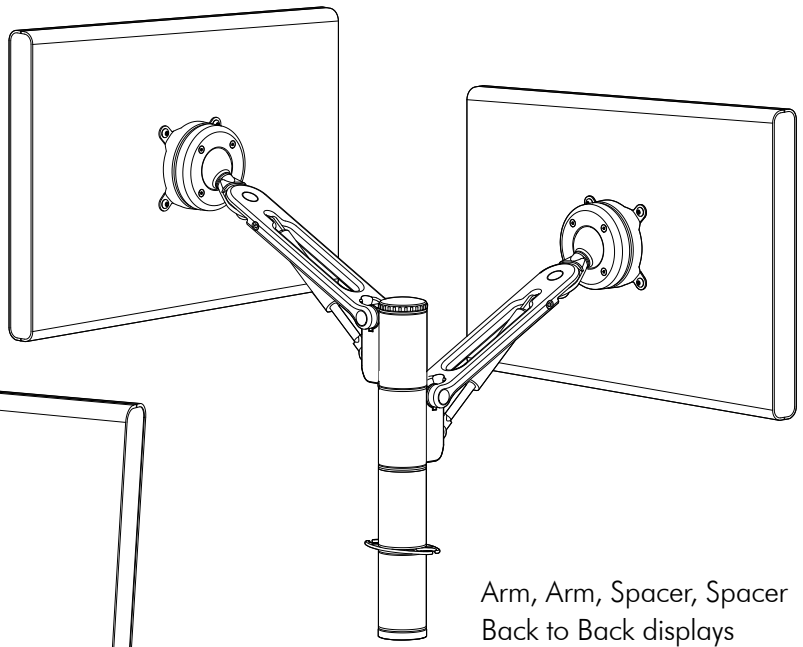
M4x12mm Screw (x8)

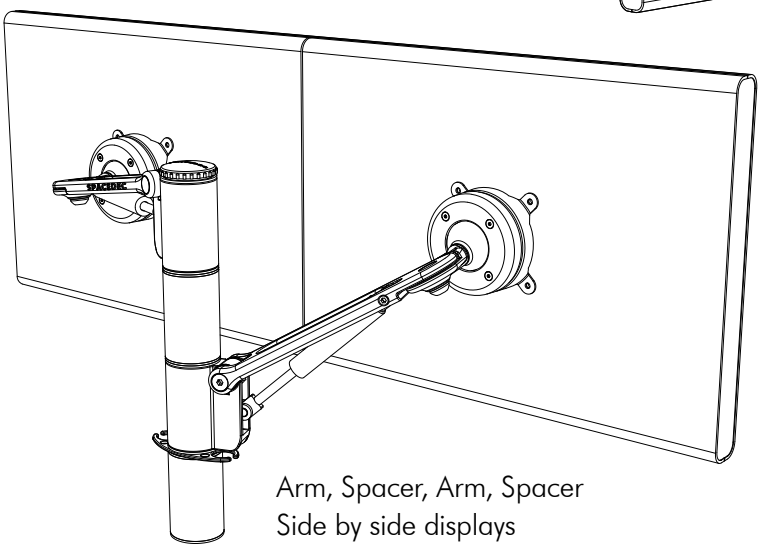
M4x16mm Screw (x8)

Possible Configurations

Spacedec Acrobat Swing Arm Double can be assembled in a number of different configurations depending on the users requirements.

Two such examples are shown below and right.


Arm, Arm, Spacer, Spacer Back to Back displays


Arm, Spacer, Arm, Spacer Side by side displays

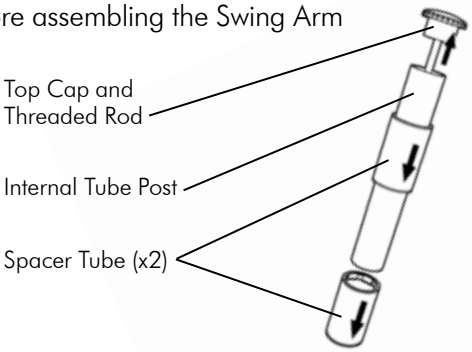
Ⓐ Component Checklist

Check you have received all parts against the Component Checklist on the previous page.

Ⓑ Assemble the Arm

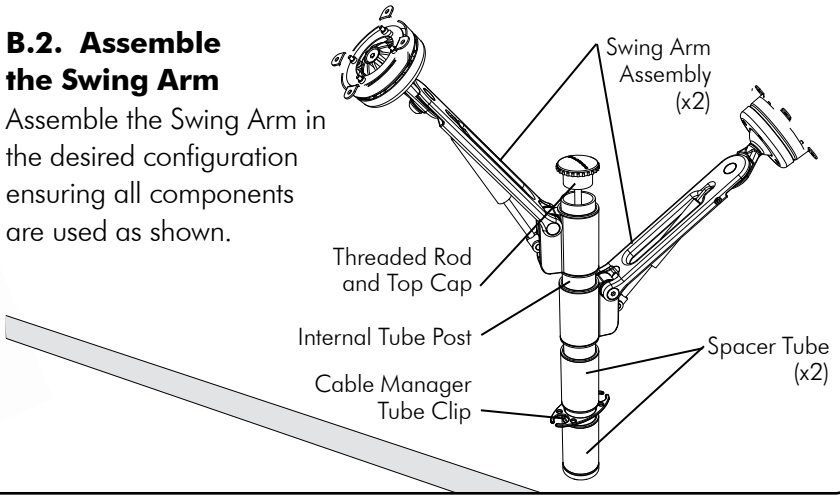
B.1. Disassemble the Tube Assembly

You will need to disassemble the Tube Assembly before assembling the Swing Arm



B.2. Assemble the Swing Arm

Assemble the Swing Arm in the desired configuration ensuring all components are used as shown.

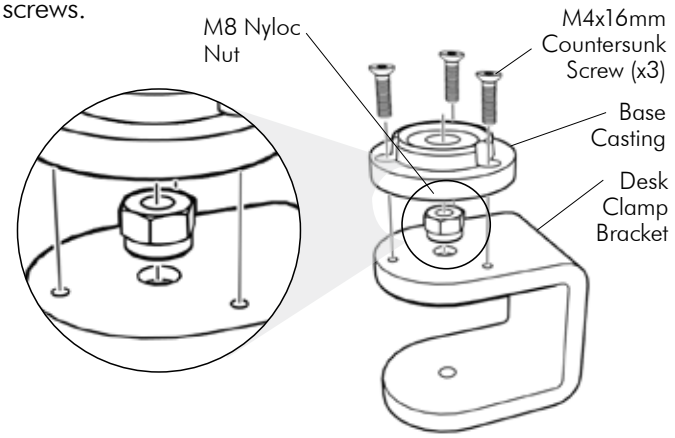


Mounting Options

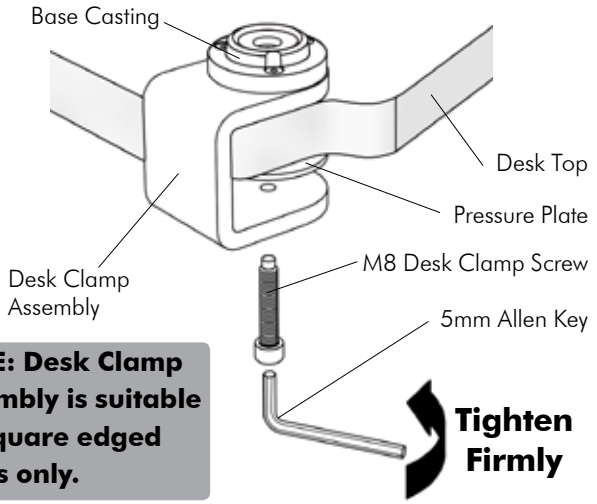
C.1. Desk Clamp

C.1.1. Assemble the Desk Clamp

To assemble the Desk Clamp Assembly, first place the M8 Nyloc Nut inside the Base Casting with the Plastic Ring facing down, then screw the Base Casting on to the Desk Clamp Bracket using the M4x16mm Countersunk screws.



C.1.2. Attaching the Desk Clamp



NOTE: Desk Clamp Assembly is suitable for square edged desks only.

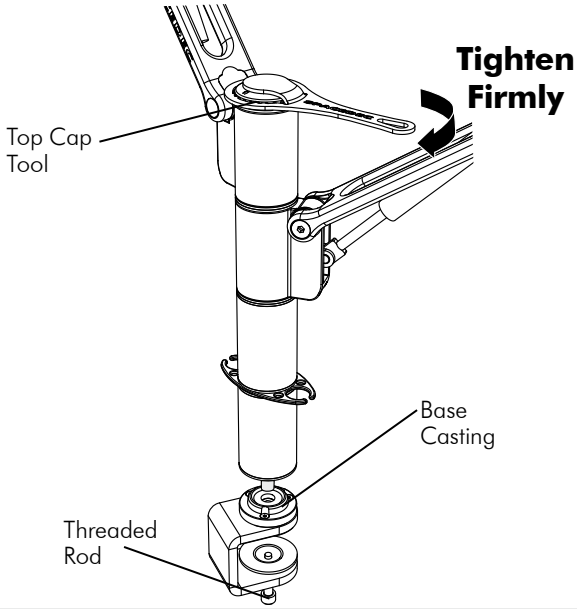
DESK CLAMP ADJUSTMENT RANGE

NOTE: It is recommended that the Desk Clamp be attached to the rear or side edge of the work surface

Adjust the Desk Clamp to suit your desk thickness by turning the M8 Desk Clamp. Screw with the supplied 5mm Allen Key

C.1.3. Attaching the Swing Arm Post

Use the Top Cap Tool to tighten the Threaded Rod into the Base Casting as shown below.



Ⓒ Mounting Options Continued

C.2. Bolt Through

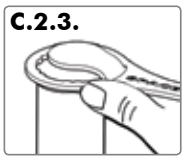
C.2.1. Drill Mounting Hole

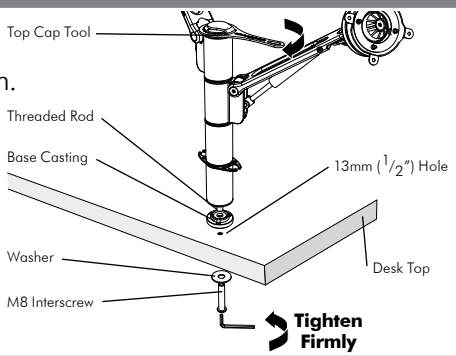
Drill a 13mm (½") hole in your work surface at the desired location for your arm.

C.2.2. Install as shown

Insert the M8 Interscrew up through the hole in the work surface. Using both hands, secure the M8 Interscrew with the 5mm Allen Key supplied in the Desk Clamp Box and use the other hand to tighten the Threaded Rod into the Interscrew with the supplied Top Cap Tool. (see diagram C.2.3.)

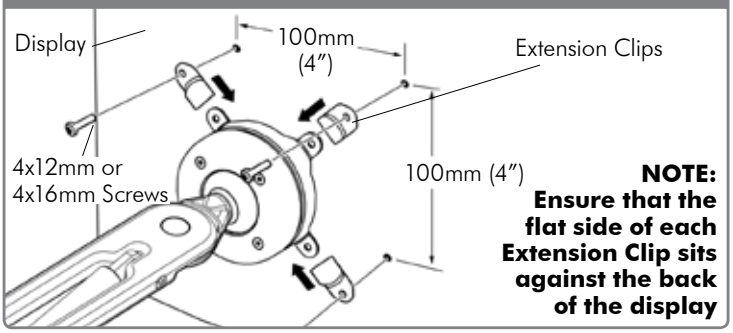
C.2.3.





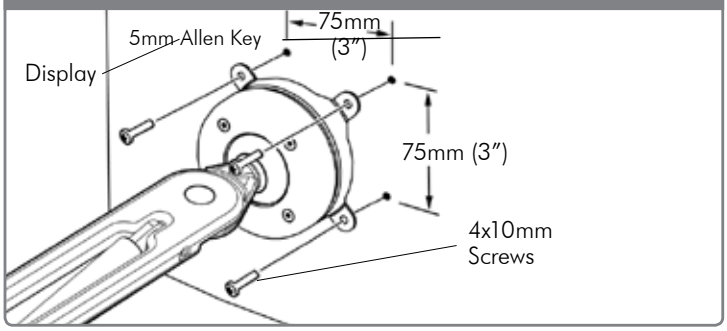
Ⓓ Attaching the Displays

100mm x 100mm (4" x 4") mounting hole pattern



NOTE: Ensure that the flat side of each Extension Clip sits against the back of the display

75mm x 75mm (3" x 3") mounting hole pattern



Ⓔ Installing Cable Management

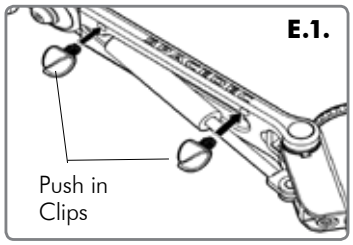
E.1. Push the four supplied Cable Clips into the holes on the underside of the Swing Arm Double as shown.

E.2. Feed the cables into the Cable Wrap Applicator.

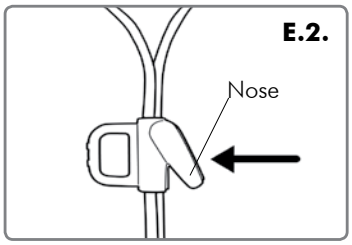
E.3. Insert the Cable Wrap Applicator into the Cable Wrap as shown.

E.4. Squeeze the nose of the Applicator and place inside the Cable Wrap ensuring that the opening edges of the Cable Wrap face towards the nose of the applicator as shown in diagram.

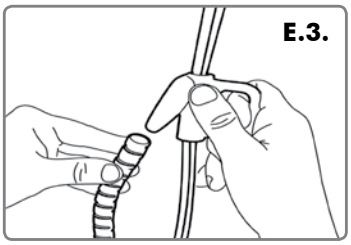
E.1.



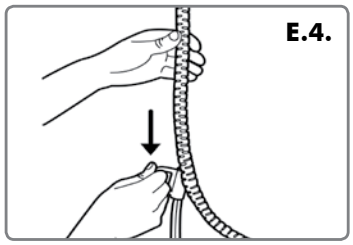
E.2.



E.3.

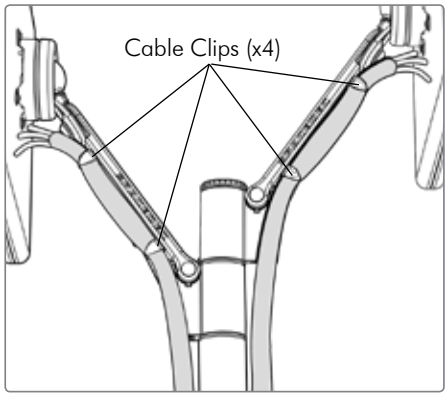


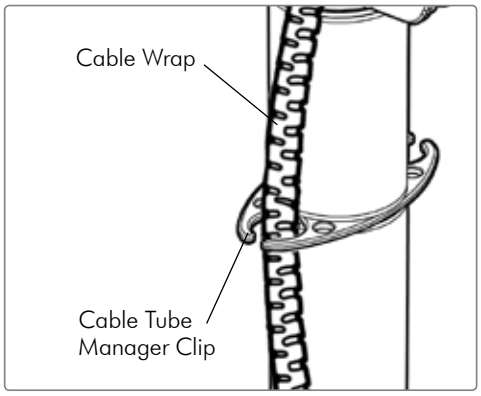
E.4.



Ⓕ Attaching the Cable Wrap to the Arm

F.1. Position the displays at their highest possible position to ensure that there is sufficient cabling at the end of the arm so the cables are not stretched or pulled out when the displays are moved.





BEFORE PROCEEDING TO THE NEXT STEP PLEASE NOTE:

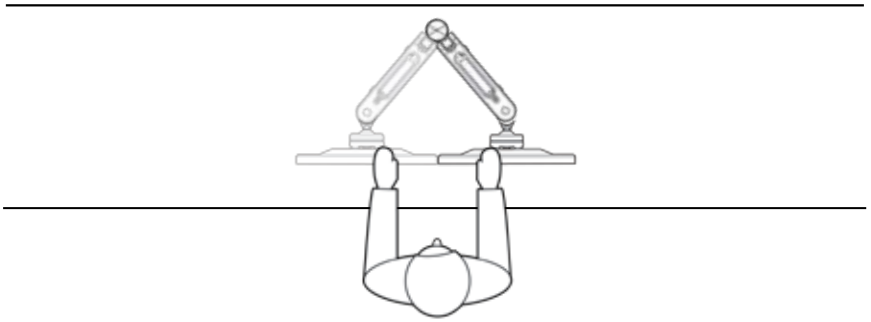
Swing Arm Double will only work when a display is properly installed.

DO NOT adjust tension screws or gas strut until your display has been attached.

Ⓖ Ergonomic Guidelines

Recommended Mounting Position

When mounting the Spacedec Acrobat Swing Arm Double, ensure the correct focal distance can be achieved for ultimate visual comfort.



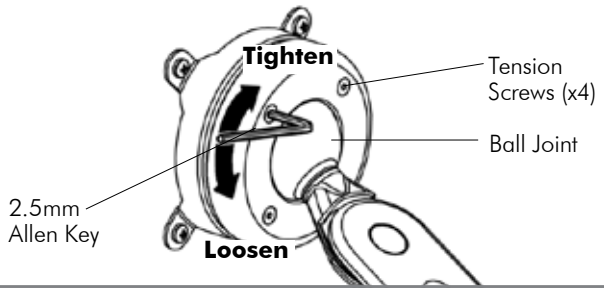
Ⓗ Adjusting the Display

The Spacedec Acrobat Swing Arm Double comes factory set to support 6kg displays. Adjust the arm to suit the weight of your display as shown in the following steps:

G.1. Adjusting the Ball Joint Resistance

Depending on the weight of the display, it may be necessary to make adjustments to the Ball Joint Mechanism. If the display doesn't hold its position or is too resistant, adjust the four tension screws located around the Ball Joint (see diagram on the right) using the supplied 2.5mm Allen Key. Check the display, and then adjust again if necessary.

NOTE: Be sure to adjust screws evenly.



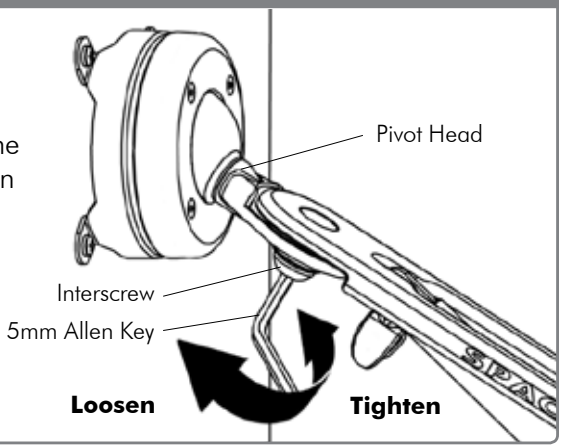
G.2. Adjusting the Pivot Head Resistance

It is possible to control the amount of resistance in the Pivot Head to suit your display.

To increase the resistance of the Pivot Head to suit heavier displays, use the 5mm Allen Key supplied in the Desk Clamp Box to tighten the interscrew in a clockwise direction.

To decrease the resistance of the Pivot Head to suit lighter displays, loosen the interscrew in an anti-clockwise direction.

NOTE: It is recommended the Pivot Head be left at the factory setting for best performance.

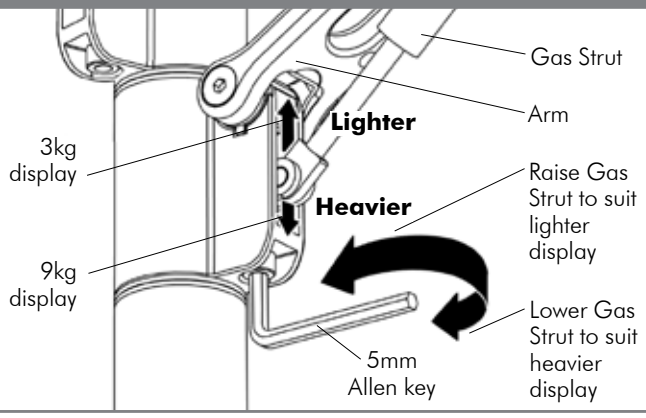


G.3. Adjusting the Swing Arm/Gas Strut Resistance

G.3.1. Depending on the weight of the display, it may be necessary to adjust the arm. This can be done by using the 5mm Allen Key supplied in the Desk Clamp Box.

G.3.2. If the arm tends to automatically rise or fall when the display is attached, it will be necessary to make small adjustments to the gas strut. (see diagram on the right)

G.3.3. If the arm tends to rise, the gas strut position should be raised. If the arm tends to fall, the gas strut position should be lowered.



Installation Complete

As LCD Manufacturers are constantly releasing new monitor models, Atdec does not accept responsibility if the mounting hole pattern does not comply with the international VESA standards. Due to continuing product development, the manufacturer reserves the right to alter specifications without notice. Published: 08.11.07